

Montana Department of Transportation PO Box 201001 Helena, MT 59620-1001

Memorandum

To:

Distribution

From:

Paul Ferry, P.E.

Highways Engineer

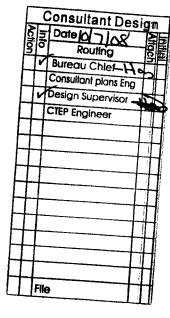
Date:

October 6, 2008

Subject:

Fog Seal

Isolation Lifts



Fog Seal

In a memo dated December 28, 2007 we determined that a newly paved surface should receive a fog seal if the surface was going to receive a chip seal in the same season (not be left unsealed over a winter). Since that time, the Materials Bureau has extended the warranty requirement for chip seals. They have determined that the longer warranty will provide the same results as a fog seal. Therefore, a fog seal is no longer needed when a new pavement receives a chip seal in the same construction season.

As a consequence, the fog seal quantity will be eliminated from plans.

Isolation Lifts

To help construction personnel more easily track quantities in the field, Construction has requested that the following changes be made to the way isolation lift information is shown in the plans:

- On the Typical Section, show the isolation lift as a separate lift and show the isolation lift quantities separately
- In the Surfacing Summary provide separate columns for the plant mix and asphalt cement used in the isolation lift. Provide subtotals for these quantities. These quantities will be combined with the other plant mix and asphalt cement quantities for the final totals.
- Refer to the attached sample sheets for the changes to the Typical Section and Surfacing Summary.

The fog seal quantity will be eliminated and the change to the way isolation lifts are shown will be added to all applicable projects beginning with the January 2009 letting.

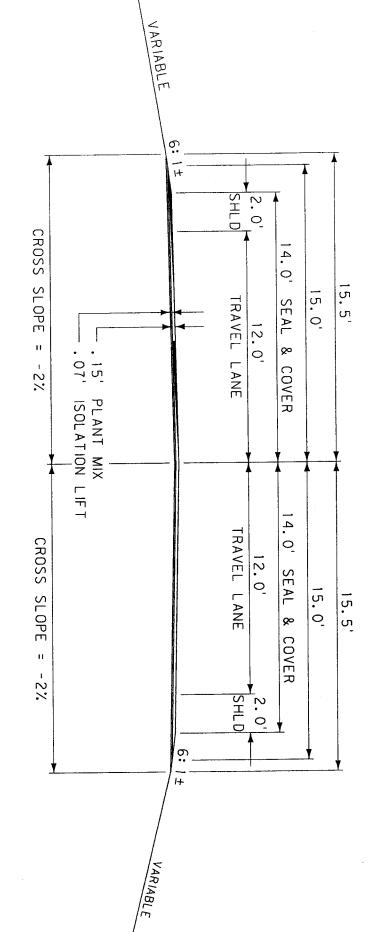
If you have questions concerning this, please contact me at 444-6244.

Attachment

Distribution:

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Bryan Vieth	Consultant Design Bureau	u,

TYPICAL SECTION NO. 1



			OUAN	QUANTITIES			
	A	AGGREGATE	щ		BITUMINOL	NOUS MATERIAL	ERIAL
UNIT	COVER	PL ANT MIX	PLANT MIX ISO. LIFT	CNIT	ASPHALT CEMENT	ASPHALT CEMENT ISO. LIFT	SEAL
AREA SQUARE FEET CUBIC YARDS PER STATION		4. 35 16. 1	2. 14 7. 9	2.14 Square yards PER STATION 7.9 tons PER STATION 16.2 COMPANY PER STATION	1. 67	0. 82	311 0.53
square yards PER STATION	311						

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SUMMARY

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													HYDRATED LIME			tons	SURFACING	
													1	COVER	square yards	>		
													GR. S-3/4	PLANT MIX	tons	AGGREGATE		
													GR. S-3/4 ISO. LIFT					
												_		ASPHALT		HIMUTIB		
													PG 70-28 ISO, LIFT		tons	BITUMINOUS MATERIAL		
									_				CRS- 2P	SEAL		ξ.		
													SS1	TACK	gals			